

What is claimed is:

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1. A signal input and output apparatus for issuing a control signal from a signal processor to the outside by a controller through a transmission path, and controlling said signal processor by said controller on the basis of a control signal entered from the outside, comprising:

signal discrimination changeover means for discriminating the type of the control signal entered through the transmission path, generating a discrimination signal, supplying into said controller, and changing over the control of said signal processor to said controller on the basis of the discrimination signal, wherein

input and output of plural control signals are processed through a single transmission path

2. The signal input and output apparatus of claim 1, wherein

the plural control signals are individually different in input and output levels.

3. The signal input and output apparatus of claim 1, wherein

discrimination of the type of the control signals in said signal discrimination changeover means is carried out on the basis of the level of the control signal at a coupling to said signal discrimination changeover means of the transmission

path for an input and output of control signals.

4. The signal input and output apparatus of claim 1,  
wherein

said signal discrimination changeover means changes  
over the control system of the control signal of a type other  
than the one discriminated according to the discrimination  
signal so as to be inactive.

5. The signal input and output apparatus of claim 1,  
wherein:

one of said plural control signals is an RS-232C  
signal.

6. A signal input and output method, being a signal  
input and output method for issuing a control signal from a  
signal processor to outside by a controller through a  
transmission path, and controlling said signal processor by said  
controller on the basis of a control signal entered from  
outside, comprising:

a signal discriminating step of discriminating the  
type of the control signal entered through the transmission path  
by signal discriminating means,

a supplying step of supplying a discrimination signal  
generated by said signal discriminating means into said  
controller, and

a changeover step of changing over the control of

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said signal processor to said controller on the basis of the discrimination signal, wherein:

input and output of plural control signals are processed through a single transmission path.

7. The signal input and output method of claim 6, wherein:

the plural control signals are individually different in input and output levels.

8. The signal input and output method of claim 6, wherein:

discrimination of type of the control signals at said signal discrimination step is carried out on the basis of the level of the control signal at a coupling to said signal discriminating means of the transmission path for input and output of control signals.

9. The signal input and output method of claim 6, further comprising:

a step of changing over the control system of the control signal of other type than the one discriminated according to the discrimination signal so as to be inactive.

10. The signal input and output method of claim 6, wherein:

one of said plural control signals is an RS-232C

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